

Preliminary Amendment
January 18, 2002
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REMARKS

This Preliminary Amendment amends Claims 7-9 so that these claims are no longer multiply dependent in order to reduce the official fees. The Applicants may elect to amend Claims 7-9 to make them again multiply dependent or to add additional claims to this application to provide coverage similar to, broader than, or narrower than the present claims at any time during the pendency of the above-identified U.S. application.

Respectfully submitted,



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Enclosure: Appendix A (2 pages)

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Appendix A
(VERSION WITH MARKINGS TO SHOW CHANGES MADE)

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RE: Applicant: Pascual Royo Gracia, et al.
Title: "OLEFIN POLYMERIZATION CATALYSTS"
Our Ref.: B-4464 619461-1

Please amend the Claims as indicated below.

7. (Amended) Catalyst component comprising a compound according to [claims1-6]claim 1 and a porous support.

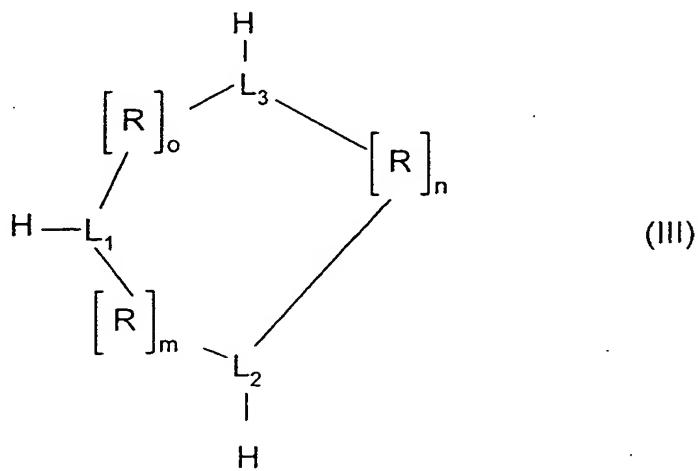
8. (Amended) Olefin polymerization catalyst comprising a catalyst component according to [claims 1-7]claim 1 and a cocatalyst selected from aluminoxanes and boron Lewis acids.

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Appendix A
(VERSION WITH MARKINGS TO SHOW CHANGES MADE)

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9. (Amended) Process for [the] preparation of catalyst components according to [claims 1-6] claim 1 including reacting a compound of formula MX_{q+3} wherein M is a transition metal of groups 3, 4-10, lanthanide or actinide of the periodic table of the elements, X is a monovalent anionic ligand and q is 0, 1, 2, or 3 depending on the valence of the metal M, with a compound of formula III



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wherein

each R is independently a structural bridge rigidly connecting L_1 , L_2 and L_3 and is constituted by 1 to 4 chain atoms selected from carbon, silicon, germanium, oxygen, boron; these atoms can be part of fused rings, aromatics rings or spiro rings;

m , n and o are 0 or 1, with the proviso that $m+n+o$ is 2 or 3.

L_1 is a group of the cyclopentadienyl type or is isolobal to cyclopentadienyl, optionally substituted by one or more R^1 groups;

L_2 is a group of the cyclopentadienyl type or is isolobal to cyclopentadienyl, or it is selected from the group consisting of N, P, B when $m+n=2$, it is selected from the group consisting of NR^1 , PR^1 , BR^1 , O and S when $m+n=1$;

L_3 is selected from the group consisting of N, P, B when $n+o=2$, it is selected from the group consisting of NR^1 , PR^1 , BR^1 , O and S when $n+o=1$;

R^1 is hydrogen, C_1-C_{20} alkyl, C_3-C_{20} cycloalkyl, C_6-C_{20} aryl, C_3-C_{20} alkenyl, optionally comprising 1 to 5 heteroatoms such as Si, N, P, O, F, Cl, Br.